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PTO/SB/21 (08-00)

Approved for use through 10/31/02. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

Application Number	10/017,066
Filing Date	14 December 2001
First Named Inventor	Arthur B. RAITANO, et al.
Group Art Unit	1642
Examiner Name	To be assigned
Total Number Of Pages In This Submission	Attorney Docket No. 511582002410

## ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                   | <input type="checkbox"/> Assignment Papers                                | <input type="checkbox"/> After Allowance Communication to Group  |
| <input type="checkbox"/> Fee Attached  | <input checked="" type="checkbox"/> Drawing(s)                            | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                      |
| <input type="checkbox"/> Amendment / Reply   | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)               |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input checked="" type="checkbox"/> Affidavits/declarations                                | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request   | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):                          |
| <input type="checkbox"/> Express Abandonment Request                                       | <input type="checkbox"/> Terminal Disclaimer                              | <input type="checkbox"/> Return Postcard   |
| <input type="checkbox"/> Information Disclosure Statement, PTO Form 1449, References       | <input type="checkbox"/> Request for Refund                               | <input type="checkbox"/> Submission of Substitute Drawings Response to Notice to File Missing Parts      |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                            | <input checked="" type="checkbox"/> CD, Number of CD(s) 1                 | <input type="checkbox"/> Copy of Notice to File Missing Parts Paper Copy of Sequence Listing             |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application                 |   | <input type="checkbox"/> Copy of Revocation of Prior Power of Attorney and Power of Attorney by Assignee |
| <input checked="" type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 |   |  |

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Kate H. Murashige Reg. No. 29,959 Morrison & Foerster LLP 3811 Valley Centre Drive, Suite 500, San Diego, California 92130
Signature	
Date	May 28, 2002

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EL 796956001 US

Date of Deposit: May 28, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Tami M. Procopio

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Issue Fee, Washington, DC 20231.

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# FEE TRANSMITTAL FOR FY 2002

MAY 28 2002

PATENT &amp; TRADEMARK OFFICE

Patent fees are subject to annual revision.

## Complete if Known

Application Number	10/017,066
Filing Date	14 December 2001
First Named Inventor	Arthur B. RAITANO, et al.
Examiner Name	To be assigned
Group Art Unit	1642

## TOTAL AMOUNT OF PAYMENT

(\$ 549.00)

Attorney Docket No. 511582002410

## METHOD OF PAYMENT

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1952

Deposit Account Name Morrison &amp; Foerster LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed: Check  Credit Card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

SUBTOTAL (1) (\$ 370)

## 2. EXTRA CLAIM FEES

Total Claims	28	- 20** =	8	Extra Claims	Fee from below	Fee Paid
Independent Claims	1	- 3** =	42	x	=	\$42
Multiple Dependent					=	\$114

SUBTOTAL (2) (\$114.00)

\*\* or number previously paid, if greater; For reissues, see above.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 65.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kate H. Murashige	Registration No. (Attorney/Agent)	29,959	Telephone	(858) 720-5112
Signature	<i>Kate H. Murashige</i>			Date	May 28, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

sd-94326



PATENT  
Docket No. 511582002410

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit: May 30, 2002

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*Tami M. Procopio*

Tami M. Procopio

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Arthur B. RAITANO

Serial No.: 10/017,066

Filing Date: December 14, 2001

For: NOVEL G PROTEIN-COUPLED  
RECEPTOR UP-REGULATED IN  
PROSTATE CANCER AND USES  
THEREOF

Examiner: To be Assigned

Group Art Unit: 1642

TRANSMITTAL

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Attached hereto for filing are the following:

1. Response to Notice to file missing parts of nonprovisional application
2. Copy of Notice to file missing parts of nonprovisional application
3. Paper copy of the substitute sequence listing
4. A computer readable form copy of the substitute sequence listing on CD-R (CRF COPY)  
-Machine format: IBM PC COMPATIBLE  
-Operating system: PC-DOS/MS-DOS

-File contained on CD: 2005115820024.txt  
-Date recorded: May 21, 2002

5. Substitute drawings
6. Return postcard

In the unlikely event that the Patent Office determines that extensions and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or fees due to our Deposit Account No. 03-1952 under Order No. 511582002410. The Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: May 30, 2002

By: Kate H. Murashige  
Kate H. Murashige  
Registration No. 29,959

Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-5112  
Facsimile: (858) 720-5125



PATENT  
Docket No. 511582002410

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EL 796956001 US

Date of Deposit: May 28, 2002

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Tami M. Procopio

Tami M. Procopio

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Arthur B. RAITANO

Serial No.: 10/017,066

Filing Date: December 14, 2001

For: NOVEL G PROTEIN-COUPLED  
RECEPTOR UP-REGULATED IN  
PROSTATE CANCER AND USES  
THEREOF

Examiner: To be Assigned

Group Art Unit: 1642

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION**

Box Missing Parts  
Assistant Commissioner For Patents  
Washington, D.C. 20231

Dear Sir:

This is in response to the Notice to file missing parts of non-provisional application mailed March 28, 2002, for which a response is set to expire May 28, 2002. Accordingly, this response is timely filed.

Please enter the following sequence listing and remarks.

**In the Sequence Listing**

Please replace the paper copy of the previously submitted sequence listing with the paper copy of the substitute sequence listing submitted herewith. A computer readable form copy of the substitute sequence listing on CD-R (CRF COPY) accompanies this response.

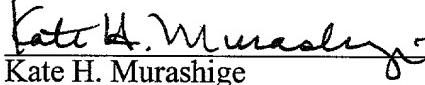
**REMARKS**

The undersigned hereby states that the computer readable form copy (CRF copy) of the substitute sequence listing and the paper copy of the substitute sequence listing, submitted in accordance with 37 C.F.R. § 1.825(a) and (b), respectively, are the same and contain no new matter. Accordingly, entry of the substitute sequence listing into the above-captioned case is respectfully requested.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 511582002410. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: May 28 , 2002

By:   
Kate H. Murashige  
Registration No. 29,959

Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-5112  
Facsimile: (858) 720-5125



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/017,066	12/14/2001	Arthur B. Raitano	511582002410

## CONFIRMATION NO. 7376

25225  
MORRISON & FOERSTER LLP  
3811 VALLEY CENTRE DRIVE  
SUITE 500  
SAN DIEGO, CA 92130-2332

## FORMALITIES LETTER



\*OC000000007738473\*

Date Mailed: 03/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

06/03/2002 MBERHE 00000052 031952 10017066

01 FC:201 370.00 CH  
02 FC:205 65.00 CH  
03 FC:203 72.00 CH  
04 FC:202 42.00 CH

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$114.
  - \$72 for 8 total claims over 20.
  - \$42 for 1 independent claims over 3 .
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 549.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- This application does not contain a statement that the content of the sequence listing information recorded

in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY